



## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

INF-0010

APPLICATION NO.

10/755,863

APPLICANT(S)

Ma, et al.

FILING DATE

January 12, 2004

GROUP ART UNIT

1763

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A	4,982,067	1/1/1991	Marantz, et al.	219	121.47	11/4/1988
M	5,032,568	7/16/1991	Lau, et al.	505	1	9/1/1989
M	5,421,895	6/6/1995	Tsubouchi, et al.	118	726	12/22/1992
N	5,609,921	3/11/1997	Gitzhofer, et al.	427	446	8/26/1994
	5,620,524	4/15/1997	Fan, et al.	118	726	2/27/1995

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
M	UK2100621	11.06.1981	United Kingdom				
M	WO 97/05994	20.02.1997	PCT				
M	WO 00/00660	06.01.00	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

W			Bouyer, et al. "Characterization of SiC and Si <sub>3</sub> N <sub>4</sub> coatings synthesized by means of inductive thermal plasma from disilane precursors". Applied Organometallic Chemistry. Appl. Organometal. Chem. 2001; 15: 833-840

EXAMINER

P. S. Dine

DATE CONSIDERED

5/13/06

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
M	5,744,777	4/28/1998	Bernecki, et al.	219	121.47	5/31/1996	
A	5,858,470	1/12/1999	Bernecki, et al.	427	453	8/1/1997	
A	5,876,683	3/2/1999	Glumac, et al.	423	325	11/2/1995	
M	6,025,034	2/15/2000	Strutt, et al.	427	450	2/5/1998	
n	6,132,653	10/17/2000	Hunt, et al.	264	5	4/16/1999	

  

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							YES	NO

  

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
M			Delbos, et al. "Plasma Spray Elaboration of Finely Structured YSZ Thin Coating by Liquid Suspension Injection". Thermal Spray 2003: Advancing the Science & Applying the Technology, (Ed.) C. Moreau and B. Marple, Published by ASM International, Materials Park, Ohio, USA, 2003. pp 661-669
M			Devi, et al. "Comparison of citrate-nitrate gel combustion and precursor plasma spray processes for the synthesis of yttrium aluminum garnet". J. Mater. Res., Vol. 17, No. 11, Nov. 2002. pp 2846-2851

  

EXAMINER <div style="text-align: center; font-size: 1.5em; margin-top: 10px;">Paschen</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.5em; margin-top: 10px;">5/13/06</div>
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>M</i>		6,195,504	2/27/2001	Horie, et al.	392	394	11/19/1997	
<i>M</i>		6,277,448	8/21/2001	Strutt, et al.	427	452	6/4/1999	
<i>M</i>		6,432,487	8/13/2002	Graham, et al.	427	454	12/28/2000	
<i>M</i>		6,447,848	9/10/2002	Chow, et al.	427	446	6/30/1998	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
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							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
<i>M</i>		Davi, et al. "Single-step deposition of Eu-doped Y2O3 phosphor coatings through a precursor plasma spraying technique". J. Mater. Res., Vol 17, No. 11, Nov. 2002. pp. 2771-2774						
<i>M</i>		Karthikeyan, et al. "Preparation of Nanophase Materials by Thermal Spray Processing of Liquid Precursors". NanoStructured Materials, Vol. 9, pp. 137-140. 1997						
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M			Karthikeyan, et al. "nanomaterial Deposits Formed by DC Plasma Spraying of Liquid Feedstocks". J. Am. Ceram. Soc., 81 (1) 121-128 (1998)
M			Karthikeyan, et al. "Nanomaterial Powders and Deposits Prepared by Flame Spray Processing of Liquid Precursors". NanoStructured Materials, Vol. 8. No. 1, pp. 61-74, 1997

  

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OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			
h			Ma, et al. "Intermediate Temperature SOFC Based on Fully Integrated Plasma Sprayed Components". 6 pages
m			Ma, et al. "Study of Unique Microstructure in SPS Ceramic NanoCoatings". 6 pages

  

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

**Padture, et al. "Towards Durable Thermal Barrier Coatings with Novel Microstructures Deposited by Solution-Precursor Plasma Spray". Acta mater. 49 (2001) 2251-2257**

Su, et al. "In Situ Characterization of Small-Particle Plasma Sprayed Powders". Journal of Thermal Spray Technology Vol. 11 (1) March 2002 pp 52-61

Parukuttyamma, et al. "Yttrium Aluminum Garnet (YAG) Films through a Precursor Plasma Spraying Technique". J. Am. Ceram. Soc., 84 (8) 1906-1908 (2001)

**Tikkanen, et al. "Characteristics of the liquid flame spray process". Surface and Coatings Technology 90 (1997) 210-216**

**Schlichting, "Failure Modes in Plasma-Sprayed Thermal Barrier Coatings" University of Connecticut, (2000) 186 pages**

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